** ANTARCTICA. 15475.98 RCUSB, re LRA36 not audible January 5, but did Manuel Méndez, Lugo, Spain, hear it? He replies, ``Hi Glenn, I forgot to check yesterday Wednesday, but I guess the 2021 staff will have already left Base Esperanza and it will be a while before the new staff start transmitting again. Best 73,s`` -- but they have surprised us before so let`s keep checking (Glenn Hauser, OK, WOR)

** ANTARCTICA. 15475.98 RCUSB, Jan 8 at 1451, no signal from LRA36 into Brasil SDR this Saturday. Maybe really on summer hiatus now (Glenn Hauser, OK, WOR)

** BOTSWANA. 17895, Jan 11 at 1723, VOA English, S5-S7, relay at 1700-1800, 100 kW at 350 degrees. Somewhat better than only other sigs on band, BBC 17830 Ascension, 17780 Woofferton.

VOA site sometimes referred to as Selebi-Phikwe, othertimes as Moepeng Hill. WRTH uses both, but where is this, really? East central Botswana, near the Zimbabwe border; close to which city? 100 km SSE of Francistown, which used to be a radio site. It`s the second-largest city, 100K after capital Gaborone. Apparently has not been de-Anglicized in nomenclature. Wikipedia: ``The present town was founded in 1897 as a settlement near the Monarch mine and named after Daniel Francis, an English prospector from Liverpool who acquired prospecting licences in the region in 1869.``

Selebi-Phikwe is half the size of F-town, and known for nickel mining. Moepeng Hill is known as MW transmitter site, both for VOA 600 kW on 909 along with the SW; and R. Botswana, 100 kW on 621 kHz. M.H. appears to be a hill rather than a populated place, about 25 km west of S.P., so closer to due south from Francistown. A medium-sized African country, Botswana is 85.79% the area of Texas, but sparsely populated (Glenn Hauser, OK, WOR)

** BRAZIL. 4925-, Jan 8 at 0230, JBA talk, S8/9 with some flutter, presumed the only station known on 4925, R. Educação Rural, Tefé, Amazonas, known to be active but seldom heard here. Slightly low in frequency compared to WWV 5000.00000. WRTH & Aoki claim until 0200*, but EiBi to 0300* (Glenn Hauser, OK, WOR)

** BRAZIL. 5938.961, January 6 at 0712, RVM JBA carrier measured here in severe splash from 5935 WWCR. While on 31m it`s been drifting up beyond 9666, on 49m it`s going down as others have been reporting it below rather than above 5939, let alone nominal 5940 (Glenn Hauser, OK, WORLD OF RADIO 2120)

** CANADA. 1610 kHz, UT Sat Jan 8 at 0253, CHHA Toronto is in Tagalog about Philippine elexion, some English words mixed in, then New Year

song in English, or rather recitation with music background. Year-old program grid:
http://chha1610am.ca/wp-content/uploads/2021/01/Parrilla-CHHA-ENE-2021.jpg
does show a Tagalog hour at 02-03 UT Tue-Sat. Website goes mainly by call letters, but also Radio Voces Latinas. Some time ago I heard a slogan ``La Voz de la Comunidad`` and this was spread widely as a change from ``R-V-L-``, without any credit to me. On air I am not at all sure there has been a formal change from one to the other. Perhaps the `new` slogan should be lower-case. Note: Tagalog, as well as Punjabi, English, also on sked are not Latinas! While Italian, Portuguese, Spanish, do qualify (Glenn Hauser, OK, WOR)

** CUBA. 6000, Jan 8 at 0240, RHC English is S9+20/30 but undermodulated with whine; while // 9700 only S8/9 but better modulation. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 9700, Jan 9 at 0722, only RHC channel still on, S9+20 and undermodulated, as `Ed Newman` plays a clip from the US left-wing `Democracy Now`, Amy Goodman reporting on migrants dying in the English channel with no help from France or Britain. How about some Democracy, now in Cuba? Ha2. I`m barely awake at 0805 so seek weekly Esperanto which should be running now on one 6 MHz channel like 6100, but nowhere to be found, not even 9700. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 12000, Jan 10 at 0702, RHC English is S1 JBA on 2 x 6000, // 9700 much stronger; at 0712, 6100 is still on but S7-S9 of humbuzz only. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 9700, Jan 11 at 0701, S9/8 of dead air in English, the only RHC frequency still on. and it`s useless. Something`s always wrong at RHC. Time for The Other Side, anyway:

``READ TODAY THE CUBA OF TOMORROW --- January 11, 2022 OPINION
Díaz-Canel seeks to dupe Cubans by citing 'demographic dynamics'
Raulist neo-Castroism stands out for 'solving' non-existent problems to avoid facing real ones. --- RAFAELA CRUZ | La Habana``
https://diariodecuba.com/cuba/1641829821_36694.html
(Glenn Hauser, OK, WOR)

** CUBA. 6000, Jan 12 at 1447, RHC Spanish S9/+10 but just barely modulated; likewise on 2 x 6000 = 12000, S6/S9. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** CUBA. 15140, Jan 12 at 1508, RHC music, S9+20 but suptorted = modulation suppressed and distorted. Something`s always wrong at RHC (Glenn Hauser, OK, WOR)

** EGYPT. 9899.6, Jan 9 at 2205, again no English signal from R. Cairo into UTwente. But other transmissions continue:

``Remarkably well modulated signal. Jan. 9 at 1530 UT on 9440 in Albanian. They CAN get it right if they try. Still the annoying buzz on this particular transmitter. The other transmitter on 9900 has been off air Jan. 3 through 8. Either it is undergoing repair or they have given up. Strange that Albanian should get preference over the other languages on their sked. Alan Holder, G4ZBH, Isle of Wight, U.K.`` (Glenn Hauser, OK, WOR)

** EGYPT. 9899.6, Jan 11 at 2144 & 2208 chex at UTwente, NO signal from R. Cairo in English; gave up or working on it? (Glenn Hauser, OK, WOR)

** INDIA. On WOR 2120, about AIR Leh, I said it`s one sesquikHz below 4760, but meant only one sesquiHz, as measured by Wolfgang Bueschel. It`s the only AIR domestic SW station still on air after Dec 31, presumably also the daytime frequency 6000 (Glenn Hauser, OK, WOR)

** MALI. 13645, Jan 11 at 1728, one of best signals on band, S9-S7 in talk with drumming, CRI or rather CGTN Radio in Swahili via Bamako II, which is 100 kW at 111 degrees aimed right at Dar es Salaam. So why is it so good over here, not directly offback 291 degrees, but hits Habana barely missing USA (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 4030-AM, Jan 8 at 0233, JBA music. These say it`s Ball Smacker Radio:
https://www.hfunderground.com/board/index.php/topic,91328.0.html
Just before, I had heard no pirates on the 6.9 MHz band (Glenn Hauser, OK, WOR)

** NORTH AMERICA. 6929.911 AM, Jan 8 at 2310, JBA S5/S6 pirate music and talk. These say it`s Pandemic Radio:
https://www.hfunderground.com/board/index.php/topic,91382.0.html
(Glenn Hauser, OK, WOR) See also UNIDENTIFIED

** NORTH AMERICA. 6950 USB, Jan 9 at 0228 and 0237+, jazz S4/S5 into Maryland SDR. These logs had Outhouse Radio, but off at 0100*
https://www.hfunderground.com/board/index.php/topic,91388.0.html
back on later or something else unreported? (Glenn Hauser, OK, WOR)

** OKLAHOMA. 1640, Jan 11 at 0729 UT, KZLS Enid, having ``lent`` its branding to co-owned 96.9 KQOB, now disposes of its own true identity, IDing as ``The Eagle 96-9`` and ``only talk station with 100,000 watts``. Well, that certainly beats the KOKC translator on 95.3, and the KTLR on 103.7, but really, in the OKC market? Well, yes, per:
https://radio-locator.com/cgi-bin/locate?select=city&city=oklahoma+city&x=0&y=0

if you discount public radio semi-`talk` station KOSU 91.7. That`s far too intelligent for The Eagle demographic, which targets the spectrum from `Red Eye Radio` to `Alex Jones`. Hey, why doesn`t talker KTOK 1000 have at least an FM translator-wagger? Get with it (Glenn Hauser, Enid, WOR)

** SPAIN. 9690, Fri Jan 7 at 2300, checking various remotes for token English from REE: JBA at Noale, Italy. No signal to Virginia but S6 to S9+5 to Maryland! 11940 to SAm is S6-S8 into Sao Paulo. But I`m mainly listening to contemporaneous Turkey, q.v. (Glenn Hauser, OK, WOR)

** TURKEY [and non]. 5960, Jan 7 from 2300, VOT English is on; at UTwente it`s S9+25/35 but with annoying squeal. Autonotch does not rid it, but narrowing synch bandwidth to less than 2.7 kHz disposes of it. 2320, the strange feature ``Feeling Supreme`` with hard-to-understand YL talking about smearing honey on lips 3 times a day, or the peeling of something, but why? By now there is CCCCCCI from East Turkistan, standard remark, but VOT well atop (Glenn Hauser, OK, WOR)

** TURKEY [and non]. 5960, Jan 8 at 2300, VOT English VG S9+35 into UTwente, news about Kazakhstan. Today`s transmitter is the one with good modulation and no squeal! Direct at 2312, it`s S8-S9, poor with flutter, noise.

5959.979, Jan 9 at 0007, The Mighty KBC via Nauen, GERMANY, S9+18/20, measured here but with ripple SAH, CCI into UTwente, probably not Turkey bonus German but PBS Xinjiang, Urumqi, EAST TURKISTAN, land of imperialist ChiCom genocide, per Aoki carrying CNR1 during this semihour (Glenn Hauser, OK, WOR)

** TURKEY [and non]. 5960, Jan 10 at 2337, JBA carrier only direct: must be EAST TURKISTAN, rather than AWOL VOT English: yes, since at 2346 recheck, undermodulated music at S9+10/20 from Turkey on late or intermittently. One more check, this time via remote in Maryland, at 2354: S5-S6, and the TRT interval signal is playing --- backwards!!!! I had just started to record it when cut off air at 2356*. Could they be playing it off a reel-to-reel tape? Cassettes won`t play backwards. I suppose some software could do it, deliberately, or by accident? First time I have heard any backwards music in many years; thanks, VOT, where something`s always awry at Ankara, and/or erroneous at Emirler (Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2119 monitoring: confirmed UT Thursday January 6 at 0130 on WRMIs: 5010, S9+5; 9395 S8-S9 into MO SDR. Into KS SDR, 5010 JBA with QRM; 9395 JBA.

WORLD OF RADIO 2120 contents: Afghanistan non, Alaska, Antarctica, (Armenia), Brasil, Cuba, Czechia, East Turkistan, Ecuador, Egypt,

Eritrea and non, Germany, Guatemala, India/Kashmir, (Italy),
Japan/Korea South & North, Kuwait, Liberia, (Madagascar), México,
Myanmar non, Papua New Guinea, Sa`udi Arabia, Solomon Islands, Turkey,
Ukraine, (UAE), USA, (Uzbekistan), Zambia; unidentified;
propagation outlook ()Countries mentioned but not in order

WOR 2120 is available as of 0117 UT Friday January 7, 2022

(mp3 stream) https://www.w4uvh.net/wor2120.m3u
(mp3 download) https://www.w4uvh.net/wor2120.mp3

Or via http://www.worldofradio.com/audiomid.html
Also linx to podcast services.

The shortwave+ broadcasts should be:

0130 UT Friday WRMI 5850 to NW, 7780 to NE
0330 UT Friday WRMI 5985 to S
1530 UT Friday WRWI 9955 to SSE [jammed?]
1915 UT Friday IRRS 7290-Bulgaria to WNW, 14580 harmonic; 918-Italy
2130 UT Friday IRRS 918-Italy
0230 UT Saturday WRMI 9395 to NNW
2030vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI 7730 to WNW
0400vUT Sunday WA0RCR 1860-AM [nominal 0415; as late as 0530]
1330 UT Sunday WMRI Europe via Ch 292 Germany 9670
2100 UT Sunday IRRS 918-Italy
2330 UT Sunday WRMI 5950 to NNW
2330 UT Sunday WRMI 9955 [jammed?] to SSE
0030 UT Monday WRMI 7730 to WNW
0130 UT Monday WRMI 9395 to NNW
0400vUT Monday WBCQ 6160v Area 51 to WSW
2330 UT Tuesday WRMI 9955 to SSE [jammed?]
1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts:
http://www.worldofradio.com/radioskd.html

Our non-commercial broadcasts and website depend on voluntary
support. Thanks this week to Chris Krug, Tulsa OK, for a contribution
via PayPal, not necessarily in US funds to: woradio at yahoo.com

One may also contribute by MO or check on a US bank to:
Glenn Hauser, PO Box 1684, Enid OK 73702.

WORLD OF RADIO 2120, 0130 UT Friday Jan 7 confirmed on WRMIs: 5850 VG direct; 7780 S8/S9+10 into UTwente SDR. However, System F as heard on 5850 has misaligned continuity. Consistently between the WRMI ID and start of WOR, some extraneous music butts in for a couple seconds; worse, before I can finish speaking at 28:57 into the file, WRMI promo ID fires overlapping and blotting me out. I am already leaving 3 seconds of dead air at the end of my always 29:00 files which had been compensating for an overlap. Similar things happen to other airings (Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2120 monitoring: confirmed UT Friday January 7 at 0330 on WRMI 5985, S7-S9 into Knoxville SDR, with some jamming bleed from 5980, and storm crashes altho there are none nearer than the Gulf of Mexico and out toward Bermuda.

Also confirmed Friday January 7 at 1530 on WRMI 9955, S9/+10, no jamming audible and not cut off before 1559.

Also confirmed Friday January 7 at 1915 on IRRS SW via Bulgaria 7290, S9+30 into UTwente. Monitored from 1859 when carrier on air but as usual, modulation not cut on until almost 1901, missing Aïda and IRRS sign-on, joining Feature Story News in progress; 1905 IRRS ID, address, News from UN. Briefly tuned UTwente to 14580 for second harmonic, not heard but some JBA tones. Also monitoring AM Italia 918 kHz, Villa Estense via nearby Noale SDR, which is // 7290 and almost in synch, But at 1910 I`m called to lunch so roll tape to check later. After UN News, music fill, and on 7290 WOR from 1915, but the music keeps playing on 918! Recheck at 1934 now WOR is on 918 too after a late join, vs Spanish QRM from Madrid.

The 2130 replay on 918 only is running at 2135, S9+5 but as usual transmitter dumps off the air at 2157, 2 minutes before I am finished! Uncovers La Inter, Madrid. I`ve asked IRRS to realign.

Just before this at 2153, I tuned Noale to 207 kHz, the AM Italia new longwave transmitter, JBA but could recognize my voice for the first time definitely on LW. Not on 1323 which is planned? to replace 918.

WOR 2120 also confirmed UT Saturday January 8 at 0230 on WRMI 9395: VP S5-S6 direct; at 0258 S7-S9 into Missouri SDR and not cut off before 0259. Next:

2030vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI 7730 to WNW
0400vUT Sunday WA0RCR 1860-AM [nominal 0415; as late as 0530]
1330 UT Sunday WMRI Europe via Ch 292 Germany 9670
2100 UT Sunday IRRS 918-Italy
2330 UT Sunday WRMI 5950 to NNW

2330 UT Sunday WRMI 9955 [jammed?] to SSE
0030 UT Monday WRMI 7730 to WNW
0130 UT Monday WRMI 9395 to NNW
0400vUT Monday WBCQ 6160v Area 51 to WSW
2330 UT Tuesday WRMI 9955 to SSE [jammed?]
1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2120 monitoring: confirmed UT Saturday January 8 after 0230 on WRMI 9395, VP S5-6 direct. By 0258, S7-9 into Missouri SDR and not truncated.

Also confirmed Sat Jan 8 at 1700 on WRN N America webcast. Next:

2030vUT Saturday WA0RCR 1860-AM
0030 UT Sunday WRMI 7730 to WNW
0400vUT Sunday WA0RCR 1860-AM [nominal 0415; as late as 0530]
1330 UT Sunday WMRI Europe via Ch 292 Germany 9670
2100 UT Sunday IRRS 918 & 207-Italy
2330 UT Sunday WRMI 5950 to NNW
2330 UT Sunday WRMI 9955 [jammed?] to SSE
0030 UT Monday WRMI 7730 to WNW
0130 UT Monday WRMI 9395 to NNW
0400vUT Monday WBCQ 6160v Area 51 to WSW
2330 UT Tuesday WRMI 9955 to SSE [jammed?]
1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2120 monitoring: confirmed Saturday January 8 at 2054.5 on WA0RCR, 1860-AM, MO, S9+12 into nearby SDR, about 23 minutes into so started circa 2032.

Also confirmed UT Sunday January 9 at 0030 on WRMI 7730, VG direct.

Also confirmed UT Sunday January 9 at 0455.5 on WA0RCR, 1860-AM, S9+20 into nearby SDR, with storm noise from as close as Arkansas, about 2 minutes into so started circa 0453.

Missed checking Sunday Jan 9 at 1330 on WMRI Europe via 9670 Germany. Did anyone hear it? Next:
2100 UT Sunday IRRS 918 & 207-Italy
2330 UT Sunday WRMI 5950 to NNW

2330 UT Sunday WRMI 9955 [jammed?] to SSE
0030 UT Monday WRMI 7730 to WNW
0130 UT Monday WRMI 9395 to NNW
0400vUT Monday WBCQ 6160v Area 51 to WSW
2330 UT Tuesday WRMI 9955 to SSE [jammed?]
1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A [and non]. WORLD OF RADIO 2120 monitoring: confirmed Sunday January 9 from 2100.5 on AM Italia, 918 kHz, S9+20 into nearby Noale SDR; from 2058 music, 2059 dead air, no ID but Madrid timesignal audible, before joining WOR after theme has started. Checking LW 207 kHz via same SDR, trace of algo, imagination level maybe me talking.

NOT confirmed Sunday January 9 at 2330 on WRMI 9955, replaced by something else as now shown on program sked. But still at same time on WRMI 5950, S9+35 into Knoxville SDR. This leaves WOR with only two times on 9955 when there are also webcasts and phonecasts: Fri 1530 & Tue 2330.

Confirmed UT Monday January 10 at 0030 on WRMI 7730, VG direct S9+20/30.

Also confirmed UT Monday January 10 at 0130 on WRMI 9395, S9/+10. System G program sked continues to show this also on 9455 and also same time UT Thursday, but for weeks/months, 9455 has really split to System J = SMTV at 0100!

Also confirmed UT Mon Jan 10 at 0230 on WRN North America webcast.

Also confirmed UT Mon Jan 10 from almost 0401 on Area 51 via WBCQ 6160-, but JBA into Missouri SDR, offset -58 Hz = 6159.942, S6/S7 vs storm crashes along the Gulf coast. 0428 at Knoxville it`s S3-S6 on 6159.968. All those Kiwis need to be calibrated. Next:

2330 UT Tuesday WRMI 9955 to SSE [jammed?]
1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2120 monitoring: confirmed Tuesday January 11 at 2338 the 2330 on WRMI 9955, S9/S7 direct, no jamming audible. Next:

1030 UT Wednesday WRMI 5850 to NW
2200 UT Wednesday WBCQ 7490v to WSW
0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S
(Glenn Hauser, OK, WOR)

** U S A. WORLD OF RADIO 2120 monitoring: ``From: Richard Lemke, St. Albert, Alberta, Canada, the desk of Richard's listening Post, Radio: JRC NRD-535 HF, Antenna: random long wires in the trees. Dear Glenn: World of Radio #2120, #2119, confirmed, below with details, Merry Christmas, Ukrainians, Happy New Year 2022, Details:

5850 kHz, QRN, 0130, 0143, 0156 (55343), 0159, January 7 UT [Fri]

7730 kHz, QRN, pinball noise, 0028,(55433), 0041 (45433), 0059, Jan 9 UT 2022 [Sun]

5950 kHz, 2330 heard 2120, the server went to 2119, {????}, siren jamming heard, 2330, 2342 (45433), (55433), WEWN {5970????} heard at 2359, QRM 5950 kHz, 2359, Jan 9 UT 2022 [Sun]

9955 kHz, S7 signal heard, 2345, 2359 (45443), below S7 signal, 2359, January 11 UT 2022 [Tue]

5850 kHz, static QRN, 1030, 1045 (55444), 1059, Jan 12 UT 2022 [Wed], (Lemke, Richard -AB)``

Confirmed direct to OK, Wednesday January 12 after 2200 on WBCQ 7490.1v, S7/S9+10. Next:

0130 UT Thursday WRMI 9395 to NNW
0130 UT Thursday WRMI 5010 to S

Full schedule including AM, FM, webcasts, satellite, podcasts: http://www.worldofradio.com/radioskd.html

Our non-commercial broadcasts and website depend on voluntary support. Thanks this week to Chris Krug, Tulsa OK, for a contribution via PayPal, not necessarily in US funds to: woradio at yahoo.com

One may also contribute by MO or check on a US bank to:
Glenn Hauser, PO Box 1684, Enid OK 73702.

New WOR 2121 should be ready early UT Fri Jan 14 for download and first airings at 0130 on WRMIs 5850 & 7780 (Glenn Hauser, OK, WOR)

** U S A. 5950, UT Sun Jan 9 at 0030-0045, WRMI with `Postcard

Panorama` of poetry and radio-related musings by Tammy Walker. Yes, it`s a repeat of the original episode one week ago so we may expect a new one monthly, with further chances to hear it this month on UT Jan 16, 23, 30. Solo `cello classical music filled from 0045, before 0100 Texas Radio SW with songs about Texas (Glenn Hauser, OK, WOR)

** U S A. (7490.1v), UT Tue Jan 11 at 0030, after hearing the secret semi-repeat of `UBMP` on WBCQ webcast, `Camp Constitution Radio` starts with theme notes, then prolog-commercial, this time something about Quitting -- I don`t get it, and almost sounds like a parody. If real, may pay for the `CCR` airtime (Glenn Hauser, OK, WOR)

** U S A. (6160-), UT Sat Jan 8 at 0100 I`m monitoring the Area 61 webcast for WBCQ `AAAWWW`: usual banter opening, says electricity rates have just gone up 20%, but airtime rates have not even been upped for inflation, since no one could afford them. Rates run from $35 to $50 per hour, depending, rather than $200.

Bad News: According to Pastor Ken, Dave Frantz of WWRB has passed away, stroke? Allan had spoken with him as recently as November and many times before about engineering matters. There may be no one but him who could operate WWRB on SW, but his son could handle internet streaming. See my separate report about this.

TOM has made some cuts, so no longer on 4790; in fact, it`s been turned off temporarily, for no particular reason. But planned for February are tests of some *good* programming on 4790, two hours per night but apparently varying and not specified, supplied by Uncle Bill Tilford, to assess reception, for regular service in March. A&A are covering electrical costs for this.

0124, date stamp as 7th of January, YOOLF 2022. 9330 SuperStition was off for a sesquiday, now back. It`s a very complex transmitter. Problem was a little card preventing the 14 kv power supply to funxion. Three engineers Jeff, Tom and Lance fixed it with help from Continental.

0130, Angela has been taking riding lessons -- at first I thought he said ``writing``! At 0133 I check Maryland SDR and get no signals on 4790, 6160, trace on 7490 but 9330 with WLCR is S6-S8. Propagation is degraded and/or MD is too close. By 0145 I check Missouri SDR where 7490 is S4 = noise level, 6160 better at S7-S9. At 0145 reads some items from new Free Radio Weekly including Angela`s favorite, Ball Smacker Radio.

News that new FCC chairwoman nixes suggestion that FCC should censor/ban rightwing networx Fox, NewsMax and group Sinclair. Yay for Free Speech. Allan again claims that unlike USA, Angela`s Canada with

no First Amendment, does not allow private SW stations! WRONG!! He overlooks CFRX, CFVP, and there were several others which quit voluntarily.

0159 prayer, a minute of dead air still on the A61 webcast, then music and ``You are listening to your favorite station, WICT Pittsburgh``, not Hal Turner tho supposedly on 6160 & 7490 not rechecked. John Carver`s reception was degraded:

``Tonight's show started on time on 6160 and 7490 with no signal on 4790 and an impossible to copy signal on 7490. Allan and Angela in the studio opening with New Years Greetings to all of us. Allan and Angela were out in last week`s time slot dining and dancing to welcome in the New Year. Allan wants to start with Angela's Angle and I lose the signal at 0107. Will continue to monitor the noise and see if it comes back. Signal pops up at 0115 and Allan is announcing the death of Dave Frantz of WWRB. Very rough copy. Allan states at 0121 that the Brother Stair organization wants to cut back a bit and asked to stop the 4790 broadcast which Allan said they did as of January 1. Then he announces what will be taking it's place and I can't copy it.
I apologize for this poor report but I can only report on what I can copy. John, Mid-North Indiana`` (Glenn Hauser, OK, WOR)

** U S A. 3215 before 0200, then 3360 UT Sun & Mon, we may not be hearing WWRB any more. Check this weekend. A sesquihour before AAAWWW this week, Allan Weiner e-mailed me: ``Hi Glenn, I heard about Dave Frantz. Is there any more info on what happened? This is very sad indeed. I was speaking with Dave back in November and he seemed fine. Any info would be appreciated. Be well and HNY, Allan & Angela, WBCQ Radio``

I replied that this was the first I had heard about it. Well, the WWRB.org website is gone, per Hitlist linx. Did anyone hear it last weekend, 3215/3360? So I inquired of the WOR iog. Replies:

Kim Elliott: ``The radio preacher who calls in to WBCQ 7490 Saturday 0000 UTC just said that Dennis [sic] Frantz died. His show will be off WWRB for the time being.``

Larry Will: http://www.allwillstand.org/index.php/schedule/ ``says "On January 2nd, 2022, I received a phone call from David Franz’s son that he had went home to be with the Lord." Lw``

I look for obits in area newspapers/legacy.com but don`t find any. General search on Dave Frantz led to age: 41. I thought he would be older by now, and not sure if that info be current.

FCC search about WWRB, finds a CP for *something* was accepted for

filing July 19, 2021, and would expire 3 years later, July 19, 2024. I have not been able to pull out what this was about. Street address is: Airline Transport Communications, Inc., 6755 Shady Grove Road, Morrison, TN 37357-3065 USA. This page shows status of FCC HF licensees:
https://licensing.fcc.gov/cgi-bin/ws.exe/prod/ib/forms/reports/swr031b.hts?q_set=V_SITE_ANTENNA_FREQ.file_numberC/File+Number/%3D/IHFC/P2021012200001&prepare=&column=V_SITE_ANTENNA_FREQ.file_numberC/File+Number
See also WBCQ AAAWWW report (Glenn Hauser, OK, WOR)

** U S A. The FCC website in last report is the one that leads to this one I meant to link directly: Status of FCC HF Licensees:
https://licensing.fcc.gov/cgi-bin/ws.exe/prod/ib/forms/reports/swr025b.hts?as_subsystem_code=IHF/IHF&column=V_SITE_ANTENNA_FREQ.date_expireD/DATE+EXPIRE&fstate=1/CURRENT&prepare=
Includes imaginary stations KIMF, WIPE, WHRI, something in Alaska (Glenn Hauser, OK, WOR)

** U S A. 3215, UT Sun Jan 9 at 0025, no signal from WWRB when it would normally be active weekends only; nor 3360 at 0217 Jan 9, the new frequency it had been on for a few weeks.

If Dave Frantz died January 2 as reported, it might have still been on UT Sun Jan 2 but not UT Mon Jan 3. My only check was Jan 3 at 0255 when not on 3360. My last log was: ``3215, Dec 26 at 2328, S9/+25 of dead air from WWRB; not to be outdone by CUBA, some modulation missing at Manchester`` (Glenn Hauser, OK, WOR)

** U S A. 3215, Jan 9 at 0217, WWCR-1 is not off the air; `Musical Memories` with Martha Garvin hymning at her piano. It seems there will be no more timesharing 3215 with WWRB (Glenn Hauser, OK, WOR)

** U S A. (5085), UT Sun Jan 9 at 0100, WTWW-2 still with hamstuff, `TOUTA` not yet despite previous weeks starting as much as 10 minutes earlier. It is running by 0108, but I am mainly listening to `Encore` classical music on WRMI 5850 which starts punxually at 0100! Heard last few minutes of TOUTA until chopped abruptly at 0207 to ``CQ`` and WTWW ID, back to rock music. Bob Heil had plugged listening to webcast where it`s in stereo, my preference too (Glenn Hauser, OK, WOR)

** U S A. 5970, Jan 10 at 1548, surprised to hear Spanish here at S9, WEWN on much later than expected and // 12050 at S9+10. 1558 recheck, 5970 is off. Normally only one or the other, but Glen Tapley admitted to me that two different transmitters are used for lower and higher frequencies. B21 HFCC shows 5970 at 00-14, 12050 at 14-24 (Glenn Hauser, OK, WOR)

** U S A. 5920, Jan 9 at 2339, Jan 10 at 0007, NO signal from WHRI.

Nor Jan 11 at 0018 check via Maryland remote. Giampiero Bernardini, Milano, Italy, had reported it, via SW Bulletin: ``5920 Dec31 0005 WHRI, Cypress Creek SC USA, English religious, fair (Bernardini)``

WHRI has been inactive! Pending sale to anyone but WBCQ, Did he get an ID? It is however registered in HFCC available B21 all the way from 23 to 12 UT, A21 00-12, and no other station currently at 0005. Possibly it was turned on once for some test. Or could the frequency be misremembered? Like 7520 has WWCR on it (Glenn Hauser, OK, WOR)

** U S A [and non]. 880, UT Sat Jan 8 at 0557, I`m checking remotes near to KJJR Whitefish MT, an hour before its DX test is to begin, to get a feel for the situation. Cœur d`Alène ID not much; there are two in NW MT. I settle on the one at Huson, which is just NW of Missoula on I-90, and about 99 miles due south of Whitefish, which is just north of Kalispell. Jim Bohannon is just wrapping up on KRVN Lexington NE, which is also the dominant signal direct to here. It beams westward but broadly with 50 kW. I also hear an ``Oilers`` mention, no doubt Edmonton AB, 50 kW CHQT, supposedly direxional NW except for a very minor lobe toward KRVN.

At 0701 I resume listening via Huson, and immediately hear Morse VVV. Got to be KJJR altho calls not copied. KRVN continues to be dominant signal even in MT, Fox ``news``. KJJR is so weak under it that hard to believe it`s really running 10 kW ND day power, but of course it is mountainous in between. 0705 some C&W music but could be a third station. Phone-off-hook pulses, sweeps upward as KRVN is starting `Our American Stories`.

At 0710-0715 I monitor direct into my E/W longwire and R75, and do hear high-pitched continuous tones at 0710 & 0711; sweeps upward at 0712. So I know I *have* DXed this direct. Recording inconvenient so I will not qualify for QSL or even report to station/CPC.

0715-0718 I switch to my DX-398 with internal antenna on altazimuth wrist mount, but nothing from KJJR even with KRVN nulled as much as possible; but the two are too close to the same direxion.

0718.5-0720 trying R75 again, nothing but KRVN.

0724 back to Huson where I can make out sweeps, 0726 VVV and now a string of maybe 5 KJJR IDs in Morse; 0729 touch-tone phone tones; slow VVV, and then solid tone. I would have preferred more time devoted to KJJR IDs than all those other sounds. Anyhow, tnx for the test. I gather it was widely heard from Norway to Florida to Massachusetts (Glenn Hauser, OK, WOR)

** U S A. 1130 kHz, Jan 9 at 1747 UT, KLEY Wellington KS is still dead

air of S9+20; stronger than adjacent Okies on 1120 & 1140 which do manage to modulate. Also noticed previous night as OC mixing with KWKH (Glenn Hauser, OK, WOR) {and still dead Jan 12}

** U S A. 1200 kHz, Jan 11 at 0727 UT, gospel huxterism overriding WOAI, where at less than 500 miles away, we ought to be within its prime ``clear channel`` 50 kW ND coverage area --- Plugs calvarysearch.com and program title seems `The Verdict`, non-IDs for ``Faith 1200``, i.e. KFNW West Fargo ND, still far out-of-whack, not protecting WOAI. Makes SAH of about 5 Hz, counting the ``fades`` as the seconds on my watch tick by (Glenn Hauser, OK, WOR)

** VATICAN. 13830, Jan 10 at 1551, VR in Amharic, S9/+10, with long/short path echo. This is 250 kW at 135 degrees. Exacerbated by SMG capability of radiating considerable signal directly off the back of antenna, which would be 315 degrees, USward. Strangely enough, distancefromto.net does have Santa Maria di Galeria in its database, computing distance direct to Enid as 8786.29 km = 5459.55 statute miles.

Rounding off a bit, taking Earth circumference as 40,075 km, the longpath = 31289 km, which is 22503 km further than shortpath. Taking speed of light at 299,792 km/sec, that makes a delay of 0.075 second or approx. 1/13 of one second echo. That is, assuming propagation at ground level, so everything slightly further bouncing up and down from the ionosphere. How many hops, I wonder?

11935, Jan 10 at 1557, I also hear the other VR Amharic, just in time with IS and cut off at 1558*; no echo noted. This one is 250 kW at 113 degrees from SMG (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6114, Jan 6 at 0706, the RTTY INTRUDER is back after a few nights away; too close to 6115, R Nikkei, Japan altho it can be split off with USB. I asked the UDXF iogroup if anyone could ID it.

``Glenn, FSK/50/200 encrypted. No history found. 73 de JimD (MPJ), Wessex, Radio amateur, ex pro radio person. Retired.``

Mike Chace-Ortiz: I see what looks like 50bd/850 STANAG4481 FSK on one of the Irish SDRs, so I'd suspect US Navy. Will be a tough one to DF with the interfering broadcaster so close by but I'll see what I can do. 73 —mco``

JL 263, West Texas: ``Mike, 6114.0 kHz has been on the air for a couple of days. I got a TDoA close to NSY at Niscemi, Italy.
PDF 6114.0 KHZ CF FSK 75-850 USN NSY NISCEMI ENC.pdf

https://s3-us-west-1.amazonaws.com/groupsioattachments/3085/88242806/102652/0?

AWSAccessKeyId=AKIAJECNKOVMCCU3ATNQ&Expires=1641508136&Signature=QdC9Hl7TLfTQ1u3WwSoRqAo%2BafQ%3D&response-content-disposition=inline%3B+filename%3D%226114.0%2520KHZ%2520CF%2520FSK%252075-850%2520USN%2520NSY%2520NISCEMI%2520ENC.pdf%22

It is a 75/850 using what appears to be KW-46 type encryption. Joe`` (Glenn Hauser, OK, WORLD OF RADIO 2120)

Later after WOR, Mike Chace-Ortiz replies again: ``Hey Joe, This appears to be 75bd/850 STANAG4481 FSK from the Azores. Previously seen on 8962 & 5454.5 kHz in December. Old and new algorithm runs attached. 73 —mco``` (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6114, RTTY, re TDOA map linked in previous report, it apparently expired. If you can get into the UDXF iog, the link worx from https://groups.io/g/UDXF/message/102652
That`s to the west side of Italy; also two maps by mco leading to Azores area in a subsequent post (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6114, Jan 9 at 0502, RTTY is rampant again, US Navy Azores or Italy? Vs JBA carrier on 6115, Nikkei Japan already if not Congo? It`s 1402 JST but near the shortest day of the year. Congo supposedly not active where it`s 0602 LST equatorially; but EiBi suggests variable opening around 0515 UT. No other 6115 stations are known now (Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6114, re my RTTY reports vs carrier on 6115, Jan 9 at 0502, Ron Howard replies: ``Hi Glenn, On Jan 9, tuned by 6115 a number of times (0500+ UT). Heard the RTTY there about 50% of the time, so rather erratic. As for Congo, in the past I often noted them starting about *0525, but rarely much earlier. Recently have only been hearing Japan and RTTY. Ron, California``

Lou Johnson says, Jan 10 at 1339 UT, ``6115 Clear last night (1/9), here in Atlanta. Maybe they figured it out? Lou`` --- maybe he means UT Jan 10. Comment also copied to WWCR and VORW, since 6115 QRM would concern them if between 22 and 02 UT. No RTTY detectable here Jan 10 circa 2340 when WWCR is blasting in on 6115 (Glenn Hauser, OK, WOR)

UNIDENTIFIED. More replies on the UDXF iog thread about the 6114 RTTY, January 7 into 8:

``No way was it 850 shift yesterday evening, although the speed may have been 75. It was a 200 Hz shift FSK synchronous (encrypted) signal which MultiPSK was giving out at around 50 Bauds. 73 de JimD (MPJ)``

``It's on 6114 CF at the moment using 850 Hz shift -- Martin - South

West UK`` [no time displayed]

``Antonio I56578 Jan 7 #102673 --- Hard to state the speed, poor SNR.``

``Leon Koning Jan 7 #102680 --- Hi, if it is 850/75/enc then it’s not new, i catched it in Q3 last year. Don’t know where t’s from but it looks like US Navy. Someone has to confirm this but this TX is proberbly // with 5454.50 (cf) r/Leon``

``Mike Chace-Ortiz Jan 7 #102683 --- See my earlier posts on this thread, Leon, It’s from the Azores. —mco``

``You were right Mike. Apologies. It's now much stronger here and is showing 882 Hz shift while MultiPSK is giving out silly speeds, but it is indeed 75 Bauds by ear. 73 de JimD (MPJ)``

``Antonio I56578 Jan 8 #102704 --- for what concerns the speed, it's 75 bps on-air but the actual bps rate is 50 bps (1 bit out-of 3 is repeated) ciao Antonio`` [with graphic] (via Glenn Hauser, OK, WOR)

UNIDENTIFIED. 6930.923 AM, Jan 9 at 0234, JBA carrier S5-S6 into Maryland SDR: no such pirate reported to HFU. K index at 00 was 5, after G1 storm levels; down to 3 by 03 UT (Glenn Hauser, OK, WOR)